

fragment in said first oligonucleotide and is substantially hybridizable to said polynucleotide,

(b) a second oligonucleotide having the characteristic of hybridizing to a site on said polynucleotide that is 3' from the end of the site at which said first oligonucleotide hybridizes, wherein said polynucleotide is hybridized to said second oligonucleotide under said isothermal conditions, and

(c) a 5'-nuclease.


77. The kit of claim 76, wherein said second oligonucleotide is separated by no more than one nucleotide from the 3'-end of the site at which said first oligonucleotide hybridizes.

78. The kit of claim 76, wherein said first oligonucleotide and said second oligonucleotide are DNA.

REMARKS

Claims 1-44 were in the Application as filed. Claims 1-44 have been cancelled without prejudice in order to further the Applicants' business interests and the prosecution of the present Application. Applicants reserve the right to prosecute the original claims (or similar claims) in the future. Support for the new claims is found throughout the Application.

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